

Title (en)

ADPCM SPEECH CODING SYSTEM WITH SPECIFIC STEP-SIZE ADAPTATION

Title (de)

VORRICHTUNG ZUR ADPCM SPRACHKODIERUNG MIT SPEZIFISCHER ANPASSUNG DER SCHRITTWEITE

Title (fr)

SYSTEME ADPCM DE CODAGE DE LA PAROLE AVEC ADAPTATION SPECIFIQUE EN FONCTION DE LA VALEUR DE NIVEAU

Publication

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Application

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Abstract (en)

[origin: WO02082425A1] In a speech coding system with an encoder and a decoder cooperating with said encoder, the speech encoder comprises a pre-processor and an ADPCM encoder with a quantizer and step-size adaptation means, while the speech decoder comprises an ADPCM decoder with similar step-size adaptation means as in the ADPCM encoder and with a decoder, and a post-processor. The quantizer is provided with storage means containing values for a correction factor alpha (c(n)) of the step-size <(n), said correction factor being dependent on the quantizer output signal c(n). The step-size adaptation occurs in accordance with the relation:

IPC 8 full level

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